



P A T E N T

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Wang et al.

Application No.: 09/836,006

Filed: April 17, 2001

For: **MULTI-RATE TRANSCODER FOR DIGITAL STREAMS**

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Commissioner for Patents  
Washington, D.C. 20231

CERTIFICATE OF MAILING

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By: *Michele Hollis*  
Michele Hollis

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

In accordance with 37 C.F.R. §1.56, Applicants wish to call the attention of the Examiner to the following references:

U. S. PATENT(S) :

<u>Patent No.</u>	<u>Patentee</u>	<u>Date of Issue</u>
5,617,142	Hamilton	Apr. 1, 1997
5,619,733	Noe et al.	Apr. 8, 1997
5,923,814	Boyce	Jul. 13, 1999
5,933,500	Blatter, et al.	Aug. 3, 1999
5,477,397	Naimpally, et al.	Dec. 19, 1995

FOREIGN PATENT DOCUMENT(S) :

<u>Country</u>	<u>No.</u>	<u>Date of Publication</u>
EPO	0 627 854	Dec. 7, 1994

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PUBLICATIONS:

Boyce, J.M., "Data Selection Strategies for Digital VCR Long Play Mode," Digest of Technical Papers for the International Conference on Consumer Electronics, New York, June 21, 1994, pp. 32-33.

G. Keesman, et al., "Transcoding of MPEG bitstreams," Signal Processing: IMAGE Communication, vol. 8, pp. 481-500, 1996.

Björk, Niklas et al., "TRANSCODER ARCHITECTURES FOR VIDEO CODING," IEEE Transactions on Consumer Electronics, Vol. 44, No. 1, February 1998, pp. 88-98.

Staff of Cable Television Laboratories Inc., "DIGITAL TV SOLUTIONS," From the Labs: Cable World, February 1, 1999.

Gebeloff, Rob., "The Missing Link,"  
<http://www.talks.com/interactive/misslink-x.html>.

ISO/IEC/JTC1/SC29/WGII, MPEG Test Model 5, Section 10 - Rate Control and Quantization Control, April 1993, pages 61-65.

Applicants also wish to bring to the Examiner's attention to the following co-pending U.S. patent applications:

Application No.

Filing Date

09/198,867

November 24, 1998

09/226,796

January 7, 1999

09/553,457

April 19, 2000

Copies of the above-listed references are enclosed, together with a completed form PTO-1449.

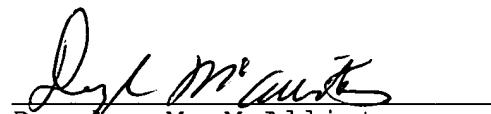
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This Information Disclosure Statement is being filed within three months of the filing date of the subject patent application, and therefore no fee is due.

Consideration of these references by the Examiner is respectfully requested.

Respectfully submitted,

  
\_\_\_\_\_  
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**Date: July 12, 2001**  
**ATTORNEY DOCKET NO.: GIC-634**



SHEET 1 OF 1

FORM PTO-1449 JUL 16 2001		ATTY. DOCKET NO.: GIC-534	SEARCH NO.: 09/836,006
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT(S): Wang et al.	
		FILING DATE: 4/17/01	
		GROUP: 2100	

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA	5,617,142	04/01/1997	Hamilton			
	AB	5,619,733	04/08/ 1997	Noe et al.			
	AC	5,923,814	07/13/1999	Boyce			
	AD	5,933,500	08/03/1999	Blatter et al.			
	AE	5,477,397	12/19/1995	Naimpally et al.			

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES NO
	AF	0 627 854	12/07/1994	EPO			

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)**

	AG	G. Keesman, et al., "Transcoding of MPEG bitstreams," Signal Processing: IMAGE Communication, vol. 8, pp. 481-500, 1996.
	AH	Björk, Niklas et al., "TRANSCODER ARCHITECTURES FOR VIDEO CODING," IEEE Transactions on Consumer Electronics, Vol. 44, No. 1, February 1998, pp. 88-98.
	AI	Staff of Cable Television Laboratories Inc., "DIGITAL TV SOLUTIONS," From the Labs: Cable World, February 1, 1999.
	AJ	Gebeloff, Rob., "The Missing Link," <a href="http://www.talks.com/interactive/misslink-x.html">http://www.talks.com/interactive/misslink-x.html</a> .
	AK	Boyce, J.M., "Data Selection Strategies for Digital VCR Long Play Mode," Digest of Technical Papers for the International Conference on Consumer Electronics, New York, June 21, 1994, pp. 32-33.
	AL	ISO/IEC/JTC1/SC29/WGII, MPEG Test Model 5, Section 10 - Rate Control and Quantization Control, April 1993, pages 61-65.

**EXAMINER**

**DATE CONSIDERED**

**EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.